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ANNOUNCEMENT.—In accordance with the provisions contained in Section 2 of an Act of Congress (Public No. 40, 65th Congress) approved August 10, 1917, the Chief of the Bureau of Markets of the United States Department of Agriculture has been authorized and instructed, as an agent of the Secretary of Agriculture, to take such steps as may be necessary to obtain authoritative information regarding the matters authorized to be investigated under that section.

The Food Surveys Project has been established pursuant to Sections 2 and 8, of the Act, to obtain such information concerning food and food materials as may seem necessary or desirable for the guidance of governmental agencies and the public in

making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization.

The results of the surveys made under this Project will be published monthly in "Food Surveys," which will be mailed from Washington, D. C., between the fifteenth and twentieth of each month. Special numbers of "Food Surveys" will be issued from time to time as occasion may require. A copy may be obtained on application to "Food Surveys," Bureau of Markets, Room 229, Homer Building, Washington, D. C.

CHARLES J. BRAND, Chief, Bureau of Markets.
C. W. THOMPSON, In Charge, Food Surveys Project.

COMMERCIAL STOCKS OF BEANS, PEAS, GRAIN SORGHUMS, RICE, AND BUCKWHEAT FLOUR

NOT INCLUDING RETAIL STOCKS.

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The commodities for which information is here presented include beans, peas and lentils, grain sorghums (kafir corn, milo maize, etc.), cleaned rice, and buckwheat flour.

The total quantities of these commodities on hand and in transit on July 1, 1918, as reported by storage houses, wholesale dealers, and manufacturers, were as follows: Beans, 13,451,891 bushels; peas and lentils, 2,505,072 bushels; grain sorghums, 3,014,012 bushels; cleaned rice, 157,513,526 pounds; buckwheat flour, 6,896,260 pounds.

The figures for goods in transit were obtained under the following instructions: "Report as in transit the total quantity which you have recently shipped, and which you believe has not been delivered to the purchaser or consignee." The quantities of these commodities thus reported as in transit were as follows: Beans, 846,978 bushels; peas and lentils, 107,948 bushels; grain sorghums, 34,078 bushels; rice, 41,237,493 pounds; buckwheat flour, 114,609 pounds.

The reports covering the retail stocks of these commodities are in process of tabulation and will be published later. Some idea of the relative importance of these retail stocks may be obtained from the Survey of January 1, 1918, which shows stocks held by retail dealers amounting to the following percentages of the total commercial stocks of the commodities considered: Beans, 20.2 per

cent; peas and lentils, 12.7 per cent; grain sorghums, 19.3 per cent; cleaned rice, 15.5 per cent; buckwheat flour, 46.5 per cent.

The stocks of cleaned rice reported for July 1, 1918, amounted to only 61.8 per cent of the stocks held by the same firms on July 1, 1917. For the other four commodities, however, decidedly larger stocks were reported for the current year than for last year, the increases over the holdings on July 1, 1917, amounting to the following percentages: Beans, 47.7 per cent; peas and lentils, 80.1 per cent; grain sorghums, 64.9 per cent; buckwheat flour, 21.2 per cent.

Some of the most important figures relating to the commodities in this group are presented in summary form in Table 1.

Table 1.—Summary of United States totals—Commercial stocks of beans, peas, grain sorghums, rice, and buckwheat flour, not including retail stocks.

COMMODITY.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Beans (bu.)-----	12,604,913	9,890,436	147.7	6,704,049	846,978
Peas (bu.)-----	2,397,124	1,475,497	180.1	819,444	107,948
Grain sorghums (bu.)-----	2,979,934	2,089,024	164.9	1,266,835	34,078
Rice, cleaned (lbs.)..	116,276,033	92,493,040	61.8	149,570,673	41,237,493
Buckwheat flour (lbs.)-----	6,781,651	5,734,083	121.2	4,732,607	114,609

COMMERCIAL STOCKS OF BEANS NOT INCLUDING RETAIL STOCKS.

The figures given herewith cover dry edible beans of all kinds, including soy beans, which are now being used extensively for food in many sections of the country. The stocks of dry edible beans, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by commercial concerns other than retail dealers, amounted to 13,451,891 bushels, comprising 12,604,913 bushels in stock and 846,978 bushels in transit. Of the stocks reported as on hand, the wholesale dealers held 72.2 per cent; the elevators and warehouses, 24.4 per cent; the canners, 2.2 per cent; and a miscellaneous group of concerns, 1.2 per cent. The stocks of beans reported as on hand by each of these classes of business and their subclasses are given in the first column of Table 2, while the quantity reported as in transit is shown in the last column of the same table. The relative stocks of beans held by the classes of firms above enumerated are shown in graphic form in Diagram 1.

The number of schedules received and tabulated for beans is given in Table 3.

Table 2.—Stocks of beans reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total-----	<i>Bushels.</i> 12,604,913	<i>Bushels.</i> 9,899,436	147.7	<i>Bushels.</i> 6,704,049	<i>Bushels.</i> 846,978
Elevators and ware- houses-----	3,079,946	2,427,061	176.5	1,374,861	47,381
Wholesale dealers	9,101,475	7,189,211	142.0	5,063,808	794,674
<i>Wholesale grocers</i>	<i>4,712,380</i>	<i>3,773,671</i>	<i>123.2</i>	<i>3,063,241</i>	<i>44,697</i>
<i>Other wholesale dealers</i> -----	<i>4,389,095</i>	<i>3,415,540</i>	<i>170.7</i>	<i>2,000,597</i>	<i>749,977</i>
Canners-----	279,256	160,910	103.1	156,109	2,862
Miscellaneous-----	144,236	122,254	111.9	109,271	2,061
<i>Seedsmen</i>	<i>62,540</i>	<i>59,538</i>	<i>117.5</i>	<i>50,660</i>	<i>167</i>
<i>Other miscellaneous</i>	<i>81,696</i>	<i>62,716</i>	<i>107.0</i>	<i>58,611</i>	<i>1,894</i>

DIAGRAM 1.—DISTRIBUTION OF TOTAL STOCKS OF BEANS REPORTED FOR JULY 1, 1918, BY STORAGE CONCERNS, WHOLESALE DEALERS, AND MANUFACTURERS.

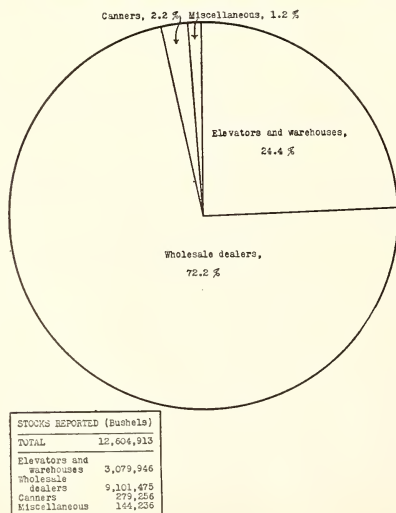


Table 3.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting beans.

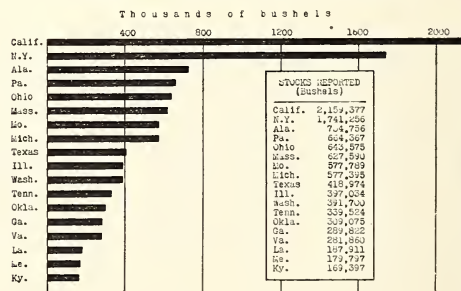
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	6,629	5,164
Elevators and warehouses	822	576
Wholesale dealers:		
Wholesale grocers	3,734	2,969
Other wholesale dealers	1,365	1,076
Canners	78	61
Miscellaneous	630	482
Seedsmen	240	203
Other miscellaneous	390	279

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of beans covered by this report is shown in Table 4. Among the geographic divisions, the Pacific division led, with 2,567,227 bushels, or more than one-fifth of the total stocks reported for the country. The Middle Atlantic division ranked second, with stocks nearly as large, and the East North Central division ranked third. Among the individual states, California ranked first, with more than 2,100,000 bushels, and New York second, with more than 1,700,000 bushels, the stocks reported by these two states together amounting to almost one-third of the total reported for the country. Diagram 2 shows in graphic form the stocks of beans reported for the eighteen most important states.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 4.

DIAGRAM 2.—STOCKS OF BEANS REPORTED BY STORAGE CONCERNS, WHOLESALE DEALERS, AND MANUFACTURERS FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

About four-fifths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for the date of the Survey. Comparative figures based on these two-year reports are given by classes of business concerns in Table 2, and by geographic divisions and states in Table 5. The figures indicate considerable increases for all the important classes of firms, the aggregate stocks on hand on the date of the Survey amounting to 47.7 per cent more than those reported for a year earlier. The comparative holdings on the two dates are given in graphic form, for all classes of concerns except the miscellaneous group, in Diagram 3.

Table 4.—Stocks of beans reported for July 1, 1918, by storage concerns, wholesale dealers, and manufacturers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	STOCKS REPORTED AS ON HAND JULY 1, 1918.								Quantity reported as in transit on July 1, 1918.
	Total.	Elevators and warehouses.	Wholesale dealers.			Seedsmen.	Canners.	Miscellaneous.	
			Total	Wholesale grocers.	Other wholesale dealers.				
United States.....	Bushels. 12,604,913	Bushels. 3,079,946	Bushels. 9,101,475	Bushels. 14,712,380	Bushels. 4,389,095	Bushels. 62,540	Bushels. 279,256	Bushels. 144,236	Bushels. 846,978
GEOGRAPHIC DIVISIONS:									
New England.....	943,611	118,458	794,587	593,250	201,337	10,500	16,682	13,884	2,912
Middle Atlantic.....	2,452,393	738,710	1,649,855	808,030	841,825	7,619	26,390	37,438	21,754
East North Central.....	1,800,766	854,318	801,108	423,034	378,074	12,999	110,388	34,952	42,398
West North Central.....	1,098,782	124,608	949,204	758,541	190,663	7,608	15,648	9,322	8,600
South Atlantic.....	1,155,501	130,528	1,005,267	790,748	214,519	7,445	7,075	12,721	8,462
East South Central.....	1,259,670	149,972	1,107,316	354,222	753,094	1,090	126	2,256	650,694
West South Central.....	1,042,735	140,402	894,837	590,566	304,271	5,702	1,400	6,096	14,028
Mountain.....	284,138	71,013	199,555	171,776	27,779	2,607	230	13,340	3,245
Pacific.....	2,567,227	751,937	1,699,746	222,213	1,477,533	6,970	101,317	14,227	94,885
NEW ENGLAND:									
Maine.....	179,797	40,896	122,352	107,235	15,117	182	16,250	299	353
New Hampshire.....	22,569	2	22,355	6,511	15,844	131	-----	214	292
Vermont.....	1,959	2	1,762	1,474	288	20	-----	105	132
Massachusetts.....	627,590	70,612	544,339	385,930	158,409	9,524	432	12,207	2,037
Rhode Island.....	36,783	6,848	29,884	23,273	6,611	-----	-----	-----	16
Connecticut.....	74,913	100	73,895	68,827	5,068	643	-----	918	82
MIDDLE ATLANTIC:									
New York.....	1,741,256	682,812	1,022,537	244,071	778,466	5,297	1,878	34,029	17,594
New Jersey.....	46,770	9,722	31,338	10,710	20,628	788	4,911	799	213
Pennsylvania.....	664,367	46,176	595,980	553,249	42,731	1,534	19,601	2,610	3,947
EAST NORTH CENTRAL:									
Ohio.....	643,575	319,595	322,342	244,735	77,607	1,019	340	1,298	2,288
Indiana.....	140,733	19,902	56,510	42,855	13,655	977	63,070	1,251	2,285
Illinois.....	397,034	178,471	206,396	119,797	86,599	2,327	8,582	3,585	11,068
Michigan.....	577,395	331,717	192,078	9,054	183,024	6,702	28,036	25,564	26,616
Wisconsin.....	42,029	4,633	23,782	6,593	17,189	1,974	10,360	3,254	141
WEST NORTH CENTRAL:									
Minnesota.....	148,729	6,300	141,899	106,308	35,591	375	-----	470	416
Iowa.....	133,866	30,391	83,911	80,742	3,169	3,517	15,232	4,332	914
Missouri.....	577,789	82,047	494,775	463,056	31,719	838	-----	967	6,150
North Dakota.....	1,850	-----	1,599	1,403	196	247	-----	251	36
South Dakota.....	691	33	567	493	74	91	-----	91	-----
Nebraska.....	152,757	3,456	148,771	38,720	110,051	106	416	114	50
Kansas.....	83,100	2,321	77,682	67,819	9,863	2,434	-----	3,097	1,034
SOUTH ATLANTIC:									
Delaware.....	7,643	-----	7,615	7,087	528	28	-----	28	10
Maryland.....	111,114	47,557	56,004	35,228	20,776	480	7,073	480	157
District of Columbia.....	22,659	5,802	16,857	3,169	13,688	-----	-----	-----	-----
Virginia.....	281,860	6,137	270,536	232,930	37,606	5,167	2	5,185	2,441
West Virginia.....	148,431	-----	147,888	136,089	11,799	8	-----	543	5,288
North Carolina.....	144,086	178	139,107	129,751	9,356	105	288	4,801	288
South Carolina.....	50,379	1,974	48,153	44,314	3,839	252	-----	252	31
Georgia.....	289,822	68,811	220,296	134,458	85,838	715	-----	715	66
Florida.....	99,597	69	98,811	67,722	31,089	690	-----	717	181
EAST SOUTH CENTRAL:									
Kentucky.....	169,397	5,183	162,227	153,882	8,343	715	126	1,861	412
Tennessee.....	339,524	142,714	196,788	177,199	19,589	20	-----	22	130
Alabama.....	734,756	2,075	732,319	11,828	720,491	355	-----	362	650,152
Mississippi.....	15,993	-----	15,982	11,313	4,669	-----	-----	11	-----
WEST SOUTH CENTRAL:									
Arkansas.....	126,775	-----	126,591	44,564	82,027	11	-----	184	61
Louisiana.....	187,911	89,199	93,660	60,663	32,997	4,871	-----	5,052	2,515
Oklahoma.....	309,075	2,101	306,754	174,664	132,090	188	-----	230	10,630
Texas.....	418,974	49,192	367,832	310,675	57,157	632	1,400	640	822
MOUNTAIN:									
Montana.....	21,215	772	20,050	10,523	9,527	-----	-----	393	13
Idaho.....	36,496	9,068	25,235	24,906	329	705	-----	2,193	25
Wyoming.....	11,070	-----	10,257	9,888	369	-----	-----	813	3
Colorado.....	135,099	58,718	68,382	62,274	6,108	1,708	55	7,944	1,022
New Mexico.....	29,443	616	28,777	28,270	507	50	-----	50	2,065
Arizona.....	33,439	1,839	29,797	21,172	8,625	-----	-----	1,803	105
Utah.....	16,429	-----	16,110	14,175	1,935	144	175	144	12
Nevada.....	947	-----	947	568	379	-----	-----	-----	-----
PACIFIC:									
Washington.....	391,700	241,517	147,860	43,542	104,318	225	-----	2,323	10,780
Oregon.....	16,150	1,100	14,334	12,936	1,398	603	-----	716	99
California.....	2,159,377	509,320	1,557,552	165,735	1,371,817	6,142	101,317	11,188	84,006

DIAGRAM 3.—STOCKS OF BEANS REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

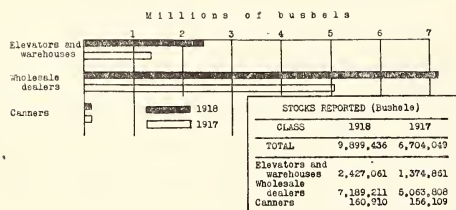


Table 5.—Comparative figures for beans—combined stocks of storage concerns, wholesale dealers, and manufacturers, by geographic divisions and states.

Geographic Division and State.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
United States	Bushels. 9,899,436	Bushels. 6,704,049
Geographic Divisions:		
New England.....	808,456	381,111
Middle Atlantic.....	1,551,891	1,467,705
East North Central.....	1,456,034	1,243,352
West North Central.....	802,777	1,124,588
South Atlantic.....	915,306	500,849
East South Central.....	1,210,394	487,559
West South Central.....	771,833	594,753
Mountain.....	247,181	172,542
Pacific.....	2,075,454	731,590
NEW ENGLAND:		
Maine.....	175,227	111,934
New Hampshire.....	21,087	12,589
Vermont.....	659	521
Massachusetts.....	552,201	216,642
Rhode Island.....	12,875	10,255
Connecticut.....	46,407	29,170
MIDDLE ATLANTIC:		
New York.....	1,147,889	1,203,564
New Jersey.....	34,337	38,294
Pennsylvania.....	369,665	225,847
EAST NORTH CENTRAL:		
Ohio.....	616,182	233,616
Indiana.....	97,752	72,704
Illinois.....	275,497	563,406
Michigan.....	438,420	362,215
Wisconsin.....	28,183	11,411
WEST NORTH CENTRAL:		
Minnesota.....	145,212	24,748
Iowa.....	66,275	57,377
Missouri.....	459,075	917,727
North Dakota.....	1,538	763
South Dakota.....	443	320
Nebraska.....	117,431	70,340
Kansas.....	72,913	53,313
SOUTH ATLANTIC:		
Delaware.....	7,559	4,325
Maryland.....	94,661	101,739
District of Columbia.....	16,977	3,908
Virginia.....	239,680	83,925
West Virginia.....	139,683	85,021
North Carolina.....	111,779	8,146
South Carolina.....	46,260	34,343
Georgia.....	184,543	130,016
Florida.....	74,164	40,366
EAST SOUTH CENTRAL:		
Kentucky.....	149,280	28,448
Tennessee.....	315,735	61,619
Alabama.....	733,172	389,424
Mississippi.....	12,207	8,068
WEST SOUTH CENTRAL:		
Arkansas.....	55,069	38,654
Louisiana.....	144,991	201,228
Oklahoma.....	285,218	140,306
Texas.....	286,555	214,565
MOUNTAIN:		
Montana.....	10,265	6,736
Idaho.....	36,181	14,934
Wyoming.....	4,371	1,477
Colorado.....	129,103	64,529
New Mexico.....	19,747	14,893
Arizona.....	30,138	39,877
Utah.....	16,429	29,584
Nevada.....	947	512
PACIFIC:		
Washington.....	235,095	61,933
Oregon.....	14,078	15,298
California.....	1,826,281	654,359

COMMERCIAL STOCKS OF PEAS AND LENTILS

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of peas and lentils (including all dried peas, except cow peas), together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by classes of concerns other than retail dealers, amounted to 2,505,072 bushels. Of this total, the stocks on hand represented 2,397,124 bushels and the quantity in transit 107,948 bushels. The wholesale dealers held 58.4 per cent of the total stocks of peas and lentils reported; the elevators and warehouses, 27.7 per cent; the seedsmen, 4.6 per cent; the canners, 0.8 per cent; and a miscellaneous group of firms, 8.5 per cent. The stocks reported as on hand by each of these classes of business are shown in the first column of Table 6, and the quantity reported as in transit in the last column. The relative stocks held by the various classes of firms reporting are shown in graphic form in Diagram 4.

The number of schedules received and tabulated for peas and lentils is given, by classes of business, in Table 8.

Table 6.—Stocks of peas and lentils reported for July 1, 1918, by storage concerns, wholesale dealers, and manufacturers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	
Total	Bushels. 2,397,124	Bushels. 1,475,497	180.1	Bushels. 819,444	Bushels. 107,948
Elevators and warehouses.....	664,140	382,916	313.6	122,095	1,559
Wholesale dealers.....	1,400,178	828,909	138.5	598,476	99,911
Wholesale grocers.....	662,811	555,708	176.4	315,094	12,192
Other wholesale dealers.....	737,367	273,201	96.4	283,382	87,719
Seedsmen.....	110,506	106,436	210.3	50,618	3,166
Canneries.....	19,732	14,726	81.0	18,185	-----
Miscellaneous.....	202,568	142,510	473.9	30,070	3,312

DIAGRAM 4.—DISTRIBUTION OF TOTAL STOCKS OF PEAS AND LENTILS REPORTED FOR JULY 1, 1918, BY STORAGE CONCERNS, WHOLESAL DEALERS, AND MANUFACTURERS.

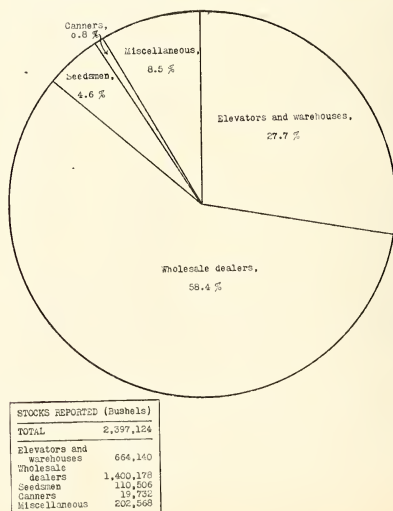


Table 7.—Stocks of peas and lentils reported for July 1, 1918, by storage concerns, wholesale dealers, and manufacturers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	STOCKS REPORTED AS ON HAND JULY 1, 1918.								Quantity reported as in transit on July 1, 1918.
	Total.	Elevators and warehouses.	Wholesale dealers.			Seedsmen.	Canners.	Miscella- neous.	
			Total	Wholesale grocers.	Other wholesale dealers.				
United States	Bushels. 2,397,124	Bushels. 664,140	Bushels. 1,400,178	Bushels. 662,811	Bushels. 737,367	Bushels. 110,506	Bushels. 19,732	Bushels. 202,568	Bushels. 107,948
GEOGRAPHIC DIVISIONS:									
New England	129,893	33,985	92,861	85,656	7,205	2,886		161	378
Middle Atlantic	763,752	180,045	538,147	117,820	420,327	12,766	4,417	28,377	83,507
East North Central	224,148	25,824	66,143	43,811	22,332	51,401	4,715	76,065	4,284
West North Central	205,741	55,397	135,336	130,259	5,077	14,055		953	528
South Atlantic	515,502	231,482	270,977	147,103	123,814	9,853	2,862	328	672
East South Central	85,529	4,392	80,716	40,049	39,767	399		22	41
West South Central	195,388	22,786	170,231	77,294	92,937	1,458		913	399
Mountain	22,508	2,571	3,578	3,293	285	6,327	7,508	2,524	2,510
Pacific	254,663	107,658	42,189	16,566	25,623	11,361	230	93,225	15,629
NEW ENGLAND:									
Maine	30,835	2,342	28,135	28,067	68	358			27
New Hampshire	4,774		4,302	3,776		446		26	204
Vermont	4,345		4,333	4,141	193				83
Massachusetts	36,633	4,912	30,656	24,550	6,106	942		123	33
Rhode Island	44,963	26,720	18,242	17,937	305			1	31
Connecticut	8,343		7,192	7,185	7	1,140		11	
MIDDLE ATLANTIC:									
New York	644,729	126,453	478,876	83,649	395,227	7,887	3,662	27,851	4,345
New Jersey	8,115	1,258	6,214	3,229	2,985	451	191	1	
Pennsylvania	110,908	52,334	53,057	30,942	22,115	4,428	564	525	79,162
EAST NORTH CENTRAL:									
Ohio	9,126	2,280	6,001	5,776	225	704	113	28	8
Indiana	6,750	4	2,054	1,999	55	354	42	4,296	
Illinois	92,670	4,665	25,102	22,473	2,629	4,699	545	57,659	441
Michigan	36,782	1,756	14,830	5,964	8,866	7,008		13,188	3,220
Wisconsin	78,820	17,119	18,156	7,599	10,557	38,636	4,015	894	615
WEST NORTH CENTRAL:									
Minnesota	166,297	54,953	102,997	101,142	1,855	8,234		23	40
Iowa	4,200	22	1,759	1,749	10	2,419			9
Missouri	29,677	104	28,226	25,034	3,192	417		930	371
North Dakota	278		183	183		95		5	5
South Dakota	261	151	42	39	3	68		98	99
Nebraska	2,007	150	1,340	1,332	8	517			4
Kansas	3,111	17	789	780	9	2,305			
SOUTH ATLANTIC:									
Delaware	870		855	836	19	15			
Maryland	39,567	29,226	2,930	2,007	923	4,549	2,862		60
District of Columbia	5,013	4,583	430	430					
Virginia	81,794	6,628	70,441	61,437	9,204	4,524		1	122
West Virginia	1,942		1,938	1,938		4			23
North Carolina	7,159	780	6,341	5,371	970	38			33
South Carolina	28,059	1,879	26,083	22,063	4,020	93		4	129
Georgia	324,268	186,872	136,902	34,084	102,818	489		5	186
Florida	26,830	1,514	24,857	18,997	5,860	141		318	119
EAST SOUTH CENTRAL:									
Kentucky	3,861	1,173	2,567	1,398	1,169	121			
Tennessee	18,429	476	17,953	12,457	5,496				18
Alabama	43,165	2,743	40,128	9,542	30,586	278		16	21
Mississippi	20,074		20,068	17,552	2,516			6	2
WEST SOUTH CENTRAL:									
Arkansas	83,980	60	83,914	7,248	76,666			6	11
Louisiana	50,467	18,243	30,918	21,473	9,445	460		846	266
Oklahoma	25,251	850	23,988	23,310	678	402		11	7
Texas	35,690	3,633	31,411	25,263	6,148	596		50	115
MOUNTAIN:									
Montana	1,682	9	1,149	1,149		402	120	2	2,508
Idaho	3,610		188	112	76	2,349		1,073	
Wyoming	23		23	23					
Colorado	13,499	2,450	1,598	1,588	10	3,027	4,975	1,449	
New Mexico	37		42			15			
Arizona	122		113	113	9				
Utah	3,512	112	453	263	190	534	2,413		
Nevada	3		3	3					
PACIFIC:									
Washington	194,587	94,807	9,866	6,999	2,867	1,758		88,156	1,495
Oregon	7,039	1,537	2,074	1,384	690	1,098		2,330	4
California	53,037	11,314	30,249	8,183	22,066	8,505	230	2,739	14,130

Table 8.—Number of firms (storage concerns, wholesale dealers, and manufacturers) reporting peas and lentils.

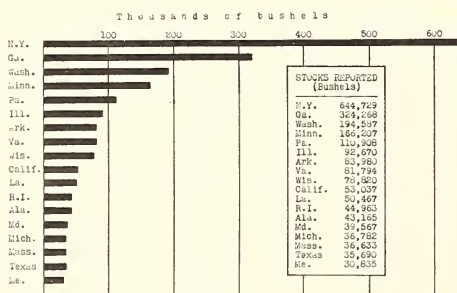
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	3,642	2,822
Elevators and warehouses	245	164
Wholesale dealers	2,977	2,323
Wholesale grocers	2,473	1,952
Other wholesale dealers	504	371
Seedsmen	222	192
Canners	54	42
Miscellaneous	144	101

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of peas and lentils reported by commercial concerns other than retail dealers is shown in Table 7. The Middle Atlantic division ranked first among the geographic divisions, reporting nearly one-third of the total, the South Atlantic division second, the Pacific division third, and the East North Central division fourth. Among the individual states, New York stood first, with 644,729 bushels, or more than one-fourth of the total for the country. Georgia ranked second, Washington third, Minnesota fourth, and Pennsylvania fifth. Diagram 5 shows in graphic form the stocks reported for the eighteen most important states.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 7.

Diagram 5.—Stocks of Peas and Lentils Reported by Storage Concerns, Wholesale Dealers, and Manufacturers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

Nearly two-thirds of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 6, and by geographic divisions and states in Table 9. The figures indicate an increase of 80.1 per cent in the aggregate stocks on hand on the date of the Survey, as compared with those reported by the same concerns one year earlier. The seedsmen reported stocks of peas and lentils for July 1, 1918, more than twice as large as their holdings on July 1, 1917, and elevators and warehouses reported stocks more than three times as large as those which they held on July 1, 1917. The stocks reported for the two dates by all classes of concerns except the miscellaneous group are represented in graphic form in Diagram 6.

Diagram 6.—Stocks of Peas and Lentils Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

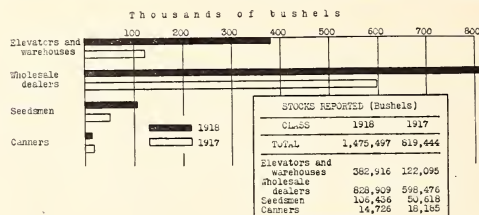


Table 9.—Comparative figures for peas and lentils—combined stocks of storage concerns, wholesale dealers, and manufacturers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.		Stocks reported for July 1, 1917.	
	Bushels.	1,475,497	Bushels.	819,444
United States				
GEOGRAPHIC DIVISIONS:				
New England	90,865		67,614	
Middle Atlantic	337,626		352,164	
East North Central	140,392		74,445	
West North Central	193,362		63,659	
South Atlantic	297,591		127,336	
East South Central	75,450		24,613	
West South Central	98,009		59,622	
Mountain	21,776		17,435	
Pacific	220,426		32,556	
NEW ENGLAND:				
Maine	30,392		26,002	
New Hampshire	4,028		2,736	
Vermont	1,451		559	
Massachusetts	30,637		23,759	
Rhode Island	17,718		8,228	
Connecticut	6,639		6,330	
MIDDLE ATLANTIC:				
New York	230,835		323,197	
New Jersey	5,625		5,385	
Pennsylvania	101,166		23,582	
EAST NORTH CENTRAL:				
Ohio	8,159		6,445	
Indiana	5,703		2,026	
Illinois	31,149		36,187	
Michigan	35,498		14,220	
Wisconsin	59,883		15,567	
WEST NORTH CENTRAL:				
Minnesota	159,261		49,186	
Iowa	4,029		3,018	
Missouri	25,190		6,933	
North Dakota	245		190	
South Dakota	190		199	
Nebraska	1,964		1,252	
Kansas	2,483		2,881	
SOUTH ATLANTIC:				
Delaware	341		190	
Maryland	35,236		13,451	
District of Columbia	4,501		45	
Virginia	77,247		24,269	
West Virginia	1,762		5,210	
North Carolina	6,395		916	
South Carolina	25,495		18,999	
Georgia	127,247		53,179	
Florida	19,367		11,077	
EAST SOUTH CENTRAL:				
Kentucky	3,839		4,098	
Tennessee	14,641		8,360	
Alabama	39,063		8,144	
Mississippi	17,899		4,011	
WEST SOUTH CENTRAL:				
Arkansas	14,319		8,553	
Louisiana	36,908		29,806	
Oklahoma	17,774		470	
Texas	29,008		20,793	
MOUNTAIN:				
Montana	1,299		917	
Idaho	3,586		3,567	
Wyoming	7		14	
Colorado	13,236		11,384	
New Mexico	37		37	
Arizona	114		218	
Utah	3,507		1,294	
Nevada	3		4	
PACIFIC:				
Washington	185,405		7,523	
Oregon	7,019		4,497	
California	28,002		20,536	

COMMERCIAL STOCKS OF GRAIN SORGHUMS (KAFIR, MILO, ETC.)

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of grain sorghums (kafir corn, milo maize, etc.) reported as on hand and in transit, in the Food Survey of July 1, 1918, by classes of business concerns other than retail dealers, amounted to 3,014,012 bushels, the stocks on hand being 2,979,934 bushels, and the quantities in transit 34,078 bushels. Of the total stocks on hand, the elevators and warehouses held 53.8 per cent; the grain mills, 12.5 per cent; the wholesale dealers, 20.1 per cent; and a miscellaneous group, 13.6 per cent. The stocks reported by each of these classes of firms are shown in the first column of Table 10, and the quantities in transit in the last column. The relative stocks held by the several classes are shown in graphic form in Diagram 7.

The number of schedules received and tabulated for grain sorghums is shown, by classes of business, in Table 11.

Table 10.—Stocks of grain sorghums (kafir, milo, etc.) reported for July 1, 1918, by storage concerns, wholesale dealers, and manufacturers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total	<i>Bushels.</i> 2,979,934	<i>Bushels.</i> 2,089,024	164.9	<i>Bushels.</i> 1,266,835	<i>Bushels.</i> 34,078
Elevators and ware- houses	1,602,138	980,523	124.2	789,753	19,619
Grain mills	373,517	215,961	154.8	139,520	4,767
Wholesale dealers ..	599,657	509,033	268.7	189,472	7,851
Miscellaneous	404,622	383,507	259.0	148,090	1,841
<i>Cereal food manu- facturers</i>	<i>155,935</i>	<i>155,275</i>	<i>216.0</i>	<i>71,665</i>	<i>-----</i>
<i>Other miscellaneous</i>	<i>248,687</i>	<i>228,232</i>	<i>298.6</i>	<i>76,425</i>	<i>1,841</i>

DIAGRAM 7.—DISTRIBUTION OF TOTAL STOCKS OF GRAIN SORGHUMS (KAFIR, MILO, ETC.) REPORTED FOR JULY 1, 1918, BY STORAGE CONCERNS, MANUFACTURERS, AND WHOLESALE DEALERS.

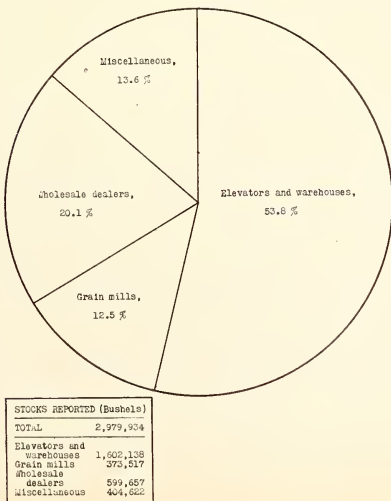


Table 11.—Number of firms (storage concerns, wholesale dealers, and manufacturers) reporting grain sorghums (kafir, milo, etc.).

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	1,403	1,076
Warehouses and elevators	464	333
Grain mills	173	138
Wholesale dealers	569	447
Miscellaneous	197	158
Cereal food manufacturers	7	6
Other miscellaneous	190	152

Table 12.—Stocks of grain sorghums (kafir, milo, etc.) reported for July 1, 1918, by storage concerns, wholesale dealers, and manufacturers, with comparative figures for July 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		Quantity reported as in transit on July 1, 1918.
		1918 stocks.	1917 stocks.	
		Bushels.	Bushels.	Bushels.
United States	2,979,934	2,089,024	1,266,835	34,078
GEOGRAPHIC DIVISIONS:				
New England	37,025	34,951	14,332	510
Middle Atlantic	176,052	80,316	68,781	3,558
East North Central	570,038	189,656	81,868	1,645
West North Central	790,941	639,602	620,208	12,344
South Atlantic	22,523	19,301	10,786	1,295
East South Central	93,861	89,036	32,974	20
West South Central	714,122	611,622	253,067	8,655
Mountain	145,377	37,604	7,861	1,100
Pacific	423,995	386,936	176,953	4,891
NEW ENGLAND:				
Maine	1,513	1,500	500	
New Hampshire	30			
Vermont	16,954	16,954	6,990	500
Massachusetts	10,369	9,361	4,778	
Rhode Island	3,521	3,521		
Connecticut	4,638	3,585	2,064	10
MIDDLE ATLANTIC:				
New York	143,458	50,798	44,020	154
New Jersey	7,672	6,855	3,094	
Pennsylvania	24,922	22,663	21,667	3,404
EAST NORTH CENTRAL:				
Ohio	65,342	62,761	64,630	
Indiana	5,684	5,533	1,323	
Illinois	492,307	114,824	12,318	1,615
Michigan	2,429	2,350	3,290	
Wisconsin	4,276	4,182	301	30
WEST NORTH CENTRAL:				
Minnesota	58,838	51,707	1,907	
Iowa	98,809	98,766	24,237	
Missouri	408,271	344,404	62,781	1,732
North Dakota	315	200	290	655
South Dakota	3,102	797	94	
Nebraska	16,444	14,362	7,668	600
Kansas	211,162	129,366	523,111	9,357
SOUTH ATLANTIC:				
Delaware	41	41	20	
Maryland	5,302	5,152	5,439	270
District of Columbia				
Virginia	4,810	4,768	1,788	
West Virginia	1,680	80	90	
North Carolina	1,263	983	5	1,000
South Carolina	308	306	169	
Georgia	7,742	6,610	3,153	25
Florida	1,377	1,361	122	
EAST SOUTH CENTRAL:				
Kentucky	35,037	34,750	4,956	
Tennessee	11,234	8,391	3,872	20
Alabama	44,131	43,511	23,640	
Mississippi	3,459	2,384	506	
WEST SOUTH CENTRAL:				
Arkansas	4,284	2,952	80	
Louisiana	2,816	2,807	2,257	
Oklahoma	148,975	95,144	65,864	5,506
Texas	558,047	510,719	184,866	3,149
MOUNTAIN:				
Montana	660		25	
Idaho	1,439	1,380	503	
Wyoming	5	5		
Colorado	13,715	13,074	1,333	
New Mexico	6,420	4,029	717	250
Arizona	123,031	19,010	5,219	910
Utah	107	106	64	
Nevada				
PACIFIC:				
Washington	43,653	43,646	58,914	
Oregon	3,539	3,539	1,109	
California	376,803	339,751	116,935	4,891

Geographic Distribution of Stocks Reported.

The stocks reported from each geographic division and state are given in Table 12. More than four-fifths of the stocks of this commodity reported were held in three geographic divisions, namely, the West North Central, the West South Central, and the East North Central. Texas ranked first among the states, Illinois second, Missouri third, California fourth, and Kansas fifth.

The quantities of grain sorghum reported as in transit are given by geographic divisions and states in the last column of Table 12.

Comparative Figures for 1918 and 1917.

About seven-tenths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 10, and by geographic divisions and states in Table 12. These figures show that the stocks of all classes of firms reporting were much larger on the date of the Survey than they were one year earlier, the increase in aggregate stocks amounting to 64.9 per cent. The wholesale dealers and the miscellaneous group of firms reported stocks for July 1, 1918, more than two and one-half times larger than those held by the same concerns one year earlier.

COMMERCIAL STOCKS OF CLEANED RICE

NOT INCLUDING RETAIL STOCKS.

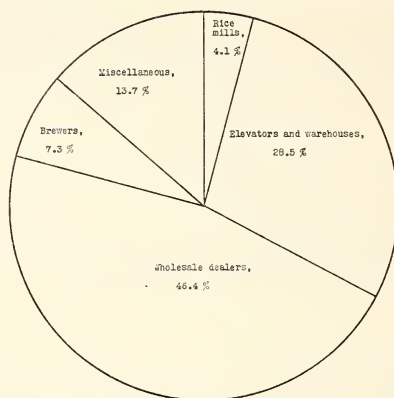
The commercial stocks of cleaned or milled rice, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by concerns other than retail dealers, amounted to 157,513,526 pounds, comprising 116,276,033 pounds in stock and 41,237,493 pounds in transit. Of this amount, the rice mills held 4.1 per cent; the elevators and warehouses, 28.5 per cent; the wholesale dealers, 46.4 per cent; the brewers, 7.3 per cent; and a miscellaneous group the remaining 13.7 per cent. The stocks reported by each of these classes of concerns are given in the first column of Table 13, and the quantities in transit in the last column. The relative quantities reported by the several classes are shown in graphic form in Diagram 8.

The number of reports received and tabulated for cleaned or milled rice is shown in Table 14.

Table 13.—Stocks of cleaned rice reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.				Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.		
		Quantity.	Per cent of 1917.			
Total.....	Pounds. 116,276,033	Pounds. 92,493,940	61.8	Pounds. 149,570,673	Pounds. 41,237,493	
Rice mills.....	4,781,161	4,777,861	47.0	10,171,582	3,420,807	
Elevators and ware- houses.....	33,117,521	25,570,036	73.5	34,795,290	1,331,223	
Wholesale dealers.....	54,018,408	43,243,609	54.6	79,135,573	36,031,779	
Wholesale grocers.....	39,706,095	34,098,368	61.4	55,544,672	1,241,350	
Other wholesale dealers.....	14,312,313	9,145,041	38.8	23,590,901	34,790,429	
Brewers.....	8,474,998	8,426,908	51.1	16,483,875	-----	
Miscellaneous.....	15,889,945	10,474,536	116.6	8,984,353	453,684	
Bakers.....	4,948,546	2,273,072	650.8	349,268	9,703	
Grain mills.....	4,870,838	2,188,815	129.9	1,685,361	151,568	
Cereal food manu- facturers.....	4,322,195	4,317,995	83.6	5,165,515	9,990	
Other miscellaneous.....	1,742,366	1,694,654	95.0	1,784,209	282,423	

DIAGRAM 8.—DISTRIBUTION OF TOTAL STOCKS OF CLEANED RICE REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.



STOCKS REPORTED (Pounds)	
TOTAL	116,276,033
Rice mills	4,781,161
Elevators and warehouses	33,117,521
Wholesale dealers	54,018,408
Brewers	8,474,998
Miscellaneous	15,889,945

Table 14.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting cleaned rice.

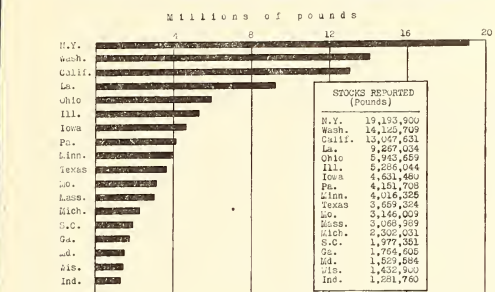
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	7,470	5,218
Rice mills.....	22	19
Elevators and warehouses.....	490	248
Wholesale dealers.....	5,083	4,058
Wholesale grocers.....	4,015	3,248
Other wholesale dealers.....	1,068	810
Brewers.....	105	104
Miscellaneous.....	1,770	789
Bakers.....	1,351	539
Grain mills.....	191	85
Cereal food manufacturers.....	62	49
Other miscellaneous.....	166	116

Geographic Distribution of Stocks Reported.

The stocks of cleaned rice reported from each geographic division and state are given, by classes of business, in Table 15. The Pacific and the Middle Atlantic divisions each reported nearly one-fourth of the total stocks for the country, the two together holding slightly more than 45 per cent of the total. The East North Central division ranked third, the West South Central division fourth, and the West North Central division fifth, each reporting about one-eighth of the total. Among the individual states, New York ranked first, Washington second, California third, and Louisiana fourth. Diagram 9 shows in graphic form the stocks reported for the eighteen most important states.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 15.

DIAGRAM 9.—STOCKS OF CLEANED RICE REPORTED BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

About four-fifths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 13, and by geographic divisions and states in Table 16. These figures indicate that the total stocks of cleaned rice on hand on the date of the Survey were only 61.8 per cent of those held by the same firms one year earlier. All classes of business except the millers and the bakers (shown as subdivisions of the miscellaneous group) showed heavy decreases in their stocks of this commodity, the rice mills reporting only 47.0 per cent of their 1917 stocks and the wholesale dealers as a group reporting only 54.6 per cent of their holdings on July 1, 1917. On the other hand, the millers reported stocks 29.9 per cent larger than in 1917, and bakers reported stocks more than six times as large as those held a year earlier. The stocks reported for the two dates are shown in graphic form, for each class of firms except the miscellaneous group, in Diagram 10.

Table 15.—Stocks of cleaned rice reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	STOCKS REPORTED AS ON HAND JULY 1, 1918.								Quantity reported as in transit on July 1, 1918.
	Total.	Rice mills.	Elevators and warehouses.	Wholesale dealers.			Brewers.	Miscellaneous.	
				Total.	Wholesale grocers.	Other wholesale dealers.			
United States.....	Pounds. 116,276,033	Pounds. 4,781,161	Pounds. 33,117,521	Pounds. 54,018,408	Pounds. 39,706,095	Pounds. 14,312,313	Pounds. 8,474,998	Pounds. 15,883,945	Pounds. 41,237,493
GEOGRAPHIC DIVISIONS:									
New England.....	5,111,242		640,322	3,282,353	2,661,042	621,311	292,124	896,443	45,347
Middle Atlantic.....	24,430,219	104,000	8,232,046	11,585,709	5,240,152	6,345,557	1,352,052	3,156,412	241,589
East North Central.....	16,246,394		865,368	7,909,248	7,149,466	759,782	3,000,431	4,471,347	375,599
West North Central.....	13,028,438		1,544,976	7,116,960	6,612,516	504,444	957,850	4,008,652	326,962
South Atlantic.....	8,841,522	300	644,825	7,445,492	5,853,287	1,592,205	427,630	323,275	385,806
East South Central.....	3,162,969		291,000	2,348,505	1,617,193	731,312	431,090	92,374	280,780
West South Central.....	14,223,130	1,757,180	4,770,134	7,292,843	5,251,321	2,041,522	136,525	266,448	5,157,100
Mountain.....	2,700,940		253,804	2,156,616	2,052,814	103,802	13,920	276,000	25,077
Pacific.....	27,931,179	2,919,681	15,875,046	4,880,682	3,268,304	1,612,378	1,863,376	2,392,394	34,398,870
NEW ENGLAND:									
Maine.....	480,932		18,600	460,182	410,964	49,218		2,150	3,625
New Hampshire.....	277,662		300	249,742	220,831	28,911		27,620	4,779
Vermont.....	131,279		627	70,477	68,977	1,500		60,175	1,200
Massachusetts.....	3,068,989		374,288	1,922,501	1,650,346	272,155	186,084	586,116	22,743
Rhode Island.....	713,474		245,397	306,009	132,533	173,476	59,040	103,118	300
Connecticut.....	438,906		1,200	273,442	177,391	96,051	47,000	117,264	12,700
MIDDLE ATLANTIC:									
New York.....	19,193,900	104,000	7,436,081	8,546,581	3,208,128	5,338,453	1,210,671	1,896,567	148,203
New Jersey.....	1,084,611		20,800	412,588	235,976	176,612		651,223	4,760
Pennsylvania.....	4,151,708		775,165	2,626,540	1,796,048	830,492	141,381	608,622	88,626
EAST NORTH CENTRAL:									
Ohio.....	5,943,659		8,167	1,925,516	1,657,686	267,830	1,445,632	2,564,344	33,181
Indiana.....	1,281,760		88,129	748,451	664,142	84,309	2,200	442,980	6,931
Illinois.....	5,286,044		627,223	2,605,214	2,349,036	256,178	962,433	1,091,174	244,267
Michigan.....	2,302,031		98,557	1,879,956	1,808,634	71,322	2,640	320,878	77,150
Wisconsin.....	1,432,900		43,292	750,111	669,968	80,143	587,526	51,971	14,430
WEST NORTH CENTRAL:									
Minnesota.....	4,016,325		637,447	1,467,651	1,388,072	78,679	693,956	1,217,271	141,356
Iowa.....	4,631,480		118,992	2,285,041	2,055,099	229,942		2,227,447	30,757
Missouri.....	3,146,009		718,542	1,729,638	1,604,202	125,436	263,894	433,935	129,750
North Dakota.....	233,667		3,379	216,641	190,446	26,195		12,647	6,024
South Dakota.....	169,360		4,261	162,424	128,516	33,908		2,675	
Nebraska.....	637,459		1,214	598,377	593,293	5,084		37,868	7,200
Kansas.....	794,138		60,141	657,188	651,988	5,200		76,809	11,875
SOUTH ATLANTIC:									
Delaware.....	16,762			16,162	15,140	1,022		600	650
Maryland.....	1,529,554		385,900	689,014	265,829	423,785	427,630	26,440	4,285
District of Columbia.....	288,956		69,250	156,190	106,356	49,834		63,316	
Virginia.....	668,290		102,000	515,216	432,604	82,612		51,074	79,410
West Virginia.....	965,718			917,458	745,580	171,878		48,260	18,374
North Carolina.....	532,740			529,775	469,403	60,372		2,965	12,453
South Carolina.....	1,977,551		43,775	1,930,851	1,569,076	360,875		2,800	51,100
Georgia.....	1,764,005	300	43,975	1,397,136	1,313,420	283,716		123,194	48,225
Florida.....	1,097,516			1,099,090	934,979	158,111		4,426	171,312
EAST SOUTH CENTRAL:									
Kentucky.....	1,067,858			559,332	220,367	338,965	431,090	77,436	11,725
Tennessee.....	938,178		291,000	644,069	426,899	217,170		3,109	259,918
Alabama.....	730,919			274,194	579,879	144,315		6,725	7,437
Mississippi.....	426,014			420,910	380,948	30,862		5,104	1,700
WEST SOUTH CENTRAL:									
Arkansas.....	463,722			469,062	438,376	21,686		3,660	260,000
Louisiana.....	9,267,034	555,000	4,718,400	3,724,852	2,000,882	1,723,970	136,525	132,257	4,742,538
Oklahoma.....	833,050		2,034	805,290	670,690	134,600		25,726	14,370
Texas.....	3,659,324	1,202,180	49,700	2,302,639	2,141,373	161,266		104,805	140,192
MOUNTAIN:									
Montana.....	313,800		105	252,860	241,400	11,460	13,920	46,915	1,837
Idaho.....	390,603		50	394,505	393,670	835		1,480	1,600
Wyoming.....	78,080			77,880	76,240	1,740		100	120
Colorado.....	885,423		174,944	497,773	455,761	42,012		212,706	7,270
New Mexico.....	207,328		900	206,428	205,878	550			3,050
Arizona.....	250,274			248,704	235,395	13,309		1,570	6,300
Utah.....	559,185		77,805	467,551	433,855	33,696		13,829	4,900
Nevada.....	10,815			10,815	10,615	200			
PACIFIC:									
Washington.....	14,125,709		11,731,803	1,271,780	986,696	285,084		1,122,126	1,208,144
Oregon.....	757,839	6,000	103,465	581,124	451,475	129,649		67,250	23,640
California.....	13,047,631	2,913,681	4,039,778	3,027,778	1,830,133	1,197,645	1,863,376	1,203,018	33,167,086

DIAGRAM 10.—STOCKS OF CLEANED RICE REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

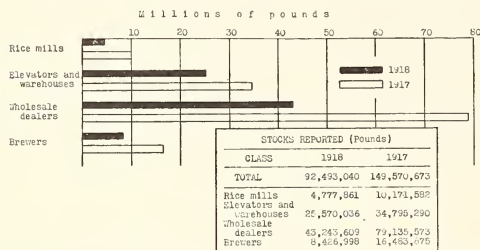


Table 16.—Comparative figures for rice, cleaned and milled—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

Geographic Division and State.	Total stocks reported for July 1, 1918.	Total stocks reported for July 1, 1917.
United States	Pounds. 92,493,040	Pounds. 149,570,673
Geographic Divisions:		
New England:		
New England:	3,299,400	4,313,084
Middle Atlantic:	16,161,896	25,597,833
East North Central:	14,418,535	20,850,751
West North Central:	10,888,944	19,776,808
South Atlantic:	7,211,994	15,042,088
East South Central:	2,734,062	4,798,588
West South Central:	9,537,917	30,415,881
Mountain:	2,342,973	4,064,093
Pacific:	25,897,319	24,111,547
New England:		
Maine:	434,339	457,448
New Hampshire:	231,296	206,524
Vermont:	98,797	33,250
Massachusetts:	1,870,235	2,940,208
Rhode Island:	347,259	407,516
Connecticut:	317,474	268,138
Middle Atlantic:		
New York:	12,118,212	19,205,222
New Jersey:	836,214	646,578
Pennsylvania:	3,207,470	5,746,033
East North Central:		
Ohio:	5,492,470	7,419,893
Indiana:	919,555	1,333,489
Illinois:	4,794,807	7,674,834
Michigan:	1,923,476	2,755,425
Wisconsin:	1,288,227	1,667,200
West North Central:		
Minnesota:	2,798,291	5,776,173
Iowa:	4,037,436	4,368,435
Missouri:	2,666,834	7,820,990
North Dakota:	203,087	219,053
South Dakota:	97,086	50,844
Nebraska:	447,918	730,165
Kansas:	638,292	811,148
South Atlantic:		
Delaware:	15,112	19,441
Maryland:	1,369,452	1,542,743
District of Columbia:	175,516	58,615
Virginia:	383,069	1,645,334
West Virginia:	609,946	671,206
North Carolina:	385,516	373,601
South Carolina:	1,705,430	3,951,026
Georgia:	1,501,738	3,909,753
Florida:	970,415	3,270,366
East South Central:		
Kentucky:	971,217	1,061,476
Tennessee:	739,656	2,590,280
Alabama:	660,218	765,618
Mississippi:	362,971	381,214
West South Central:		
Arkansas:	379,728	822,295
Louisiana:	5,257,124	24,175,008
Oklahoma:	549,388	901,467
Texas:	3,351,777	4,517,111
Mountain:		
Montana:	250,285	354,934
Idaho:	394,555	650,088
Wyoming:	35,900	88,595
Colorado:	789,275	1,675,254
New Mexico:	120,698	277,015
Arizona:	182,489	197,736
Utah:	539,136	776,981
Nevada:	10,615	43,470
Pacific:		
Washington:	13,731,454	2,264,403
Oregon:	1,630,274	1,630,274
California:	11,480,591	20,216,166

COMMERCIAL STOCKS OF BUCKWHEAT FLOUR

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of buckwheat flour, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by all classes of business concerns except retail dealers, amounted to 6,896,260 pounds, of which total 6,781,651 pounds represented the stocks on hand and 114,609 pounds the quantities in transit. Of the total stocks on hand, the manufacturers held 55.7 per cent; the warehouses, 19.9 per cent; the wholesale dealers, 22.1 per cent; and a miscellaneous group of firms (chiefly bakers), the remaining 2.3 per cent. The stocks reported by each of these classes of firms are given in the first column of Table 17, and the quantities reported as in transit in the last column of the same table. The relative quantities reported as on hand by the several classes are shown graphically in Diagram 11.

Table 19 shows the number of schedules received and tabulated for buckwheat flour.

DIAGRAM 11.—DISTRIBUTION OF TOTAL STOCKS OF BUCKWHEAT FLOUR REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

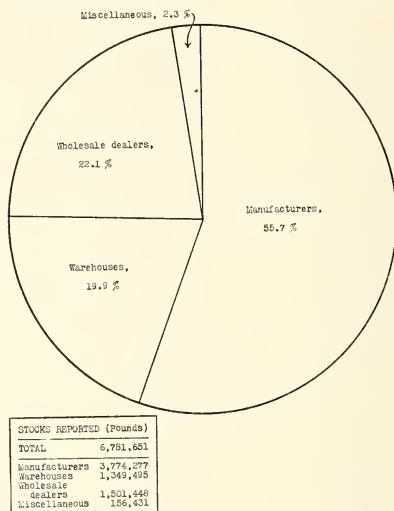


Table 17.—Stocks of buckwheat flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.				Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.		
		Quantity.	Per cent of 1917.			
Total.	Pounds. 6,781,651	Pounds. 5,734,083	121.2	Pounds. 4,732,607	Pounds. 114,609	
Manufacturers	3,774,277	3,693,663	131.7	2,805,628		
Grain mills	2,739,673	2,669,367	106.0	2,511,130	68,000	
Cereal food manu- facturers	1,034,604	1,033,096	350.8	294,498		
Warehouses	1,349,495	705,345	175.3	402,258		
Wholesale dealers	1,501,448	1,215,022	87.4	1,389,626	46,609	
Wholesale grocers	1,216,231	962,007	96.8	993,982	19,296	
Other wholesale dealers	285,217	253,018	64.0	395,644	27,313	
Miscellaneous	156,431	120,053	88.9	135,095		
Bakers	111,354	99,740	95.8	104,096		
Other miscellaneous	44,777	20,313	65.5	30,999		

Table 18.—Stocks of buckwheat flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

STOCKS REPORTED AS ON HAND JULY 1, 1918.											Quantity reported as in transit on July 1, 1918.
GEOGRAPHIC DIVISION AND STATE.	Total.	Manufacturers.			Ware-houses.	Wholesale dealers.			Miscella-neous.	Pounds.	
		Total.	Grain mills.	Cereal food manufac-turers.		Total.	Wholesale grocers.	Other wholesale dealers.			
United States-----	Pounds. 6,781,651	Pounds. 3,774,277	Pounds. 2,739,673	Pounds. 1,034,604	Pounds. 1,349,495	Pounds. 1,501,448	Pounds. 1,216,231	Pounds. 285,217	Pounds. 156,431	Pounds. 114,609	
GEOGRAPHIC DIVISIONS:											
New England.....	208,884	855	855	-----	69,965	134,523	121,214	13,309	3,541	1,133	
Middle Atlantic.....	3,665,109	2,697,713	1,743,164	954,549	494,224	367,752	290,678	77,074	103,420	28,248	
East North Central.....	1,329,260	534,339	474,337	60,002	436,956	324,833	250,982	73,851	33,132	72,268	
West North Central.....	651,099	450,772	430,839	19,933	47,271	145,026	144,728	298	8,030	4,464	
South Atlantic.....	166,404	2,878	2,878	-----	13,020	146,545	120,625	25,920	3,961	5,064	
East South Central.....	47,193	50	50	-----	-----	47,133	46,984	149	10	158	
West South Central.....	68,254	30	30	-----	8,710	59,429	59,104	325	85	413	
Mountain.....	144,925	42,510	42,510	-----	54,106	47,298	47,113	185	1,011	645	
Pacific.....	500,523	45,130	45,010	120	225,243	228,909	134,803	94,106	1,241	2,216	
NEW ENGLAND:											
Maine.....	26,182	115	115	-----	-----	25,207	24,587	620	860	126	
New Hampshire.....	16,987	140	140	-----	-----	16,441	16,441	-----	406	1,007	
Vermont.....	5,946	600	600	-----	-----	5,246	2,586	2,660	100	-----	
Massachusetts.....	116,915	4,300	4,300	4,000	2,600	46,038	42,720	3,318	1,992	-----	
Rhode Island.....	13,727	-----	-----	-----	1,080	12,547	11,886	661	100	-----	
Connecticut.....	29,127	-----	-----	-----	-----	29,044	22,994	6,050	83	-----	
MIDDLE ATLANTIC:											
New York.....	3,375,034	2,679,319	1,728,774	950,545	441,889	196,765	162,246	34,519	57,061	803	
New Jersey.....	77,534	4,300	4,300	4,000	2,600	47,177	39,997	7,180	23,457	-----	
Pennsylvania.....	212,541	14,094	14,090	4	49,735	123,810	88,435	35,375	24,902	27,445	
EAST NORTH CENTRAL:											
Ohio.....	154,025	35,870	870	35,000	25,437	87,917	83,472	4,445	4,801	-----	
Indiana.....	15,898	2,070	2,070	-----	-----	9,728	7,961	1,767	4,100	180	
Illinois.....	204,870	40,272	15,270	25,002	-----	13,625	87,103	50,334	13,536	5,888	
Michigan.....	887,323	422,833	422,833	-----	389,365	71,306	60,941	10,365	3,819	100	
Wisconsin.....	67,144	33,294	33,294	-----	8,529	18,445	11,505	6,940	6,876	66,100	
WEST NORTH CENTRAL:											
Minnesota.....	126,078	7,687	4,179	3,508	13,900	100,876	100,756	120	3,615	3,864	
Iowa.....	22,573	3,000	-----	3,000	326	18,017	17,985	32	1,230	50	
Missouri.....	440,574	423,425	410,000	13,425	1,545	15,254	15,210	44	350	450	
North Dakota.....	5,742	10	10	-----	-----	5,222	5,220	2	510	-----	
South Dakota.....	2,930	420	420	-----	-----	500	400	100	2,010	-----	
Nebraska.....	19,693	16,230	16,230	-----	-----	3,208	3,208	-----	255	60	
Kansas.....	33,509	-----	-----	-----	31,500	1,949	1,949	-----	60	40	
SOUTH ATLANTIC:											
Delaware.....	12,485	-----	-----	-----	-----	9,855	-----	9,855	2,630	-----	
Maryland.....	19,599	1,148	1,148	-----	12,870	5,270	1,820	3,450	311	-----	
District of Columbia.....	3,010	-----	-----	-----	150	2,860	2,860	-----	-----	-----	
Virginia.....	22,966	300	300	-----	-----	22,666	18,496	4,170	-----	373	
West Virginia.....	29,890	1,430	1,430	-----	-----	28,460	28,460	-----	-----	1,200	
North Carolina.....	24,423	-----	-----	-----	-----	23,948	22,898	1,050	475	1,106	
South Carolina.....	20,203	-----	-----	-----	-----	20,203	20,203	-----	-----	-----	
Georgia.....	20,957	-----	-----	-----	-----	20,457	13,162	7,295	500	2,385	
Florida.....	12,871	-----	-----	-----	-----	12,826	12,726	100	45	-----	
EAST SOUTH CENTRAL:											
Kentucky.....	17,447	-----	-----	-----	-----	17,437	17,437	-----	10	-----	
Tennessee.....	17,995	50	50	-----	-----	17,945	17,945	-----	-----	108	
Alabama.....	9,022	-----	-----	-----	-----	9,022	9,017	5	-----	50	
Mississippi.....	2,729	-----	-----	-----	-----	2,729	2,585	144	-----	-----	
WEST SOUTH CENTRAL:											
Arkansas.....	1,252	-----	-----	-----	-----	1,252	1,252	-----	-----	-----	
Louisiana.....	10,014	-----	-----	-----	-----	10,014	9,699	315	-----	120	
Oklahoma.....	3,277	-----	-----	-----	-----	3,277	3,277	-----	-----	161	
Texas.....	53,711	30	30	-----	8,710	44,886	44,876	10	85	132	
MOUNTAIN:											
Montana.....	48,918	42,510	42,510	-----	-----	5,795	5,795	-----	613	-----	
Idaho.....	4,040	-----	-----	-----	-----	3,790	3,790	-----	250	100	
Wyoming.....	774	-----	-----	-----	-----	774	774	-----	-----	-----	
Colorado.....	50,245	-----	-----	-----	46,914	3,213	3,163	50	118	45	
New Mexico.....	13,034	-----	-----	-----	6,192	6,842	6,842	-----	-----	300	
Arizona.....	16,838	-----	-----	-----	-----	16,808	16,673	135	30	-----	
Utah.....	8,421	-----	-----	-----	1,000	7,421	7,421	-----	-----	200	
Nevada.....	2,653	-----	-----	-----	-----	2,653	-----	-----	-----	-----	
PACIFIC:											
Washington.....	202,898	13,660	13,540	120	156,583	31,651	29,001	2,650	1,004	1,596	
Oregon.....	36,250	22,050	22,050	-----	700	13,363	9,805	3,560	135	440	
California.....	261,375	9,420	9,420	-----	67,960	183,893	95,997	87,896	102	180	

Table 19.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting buckwheat flour.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	1,846	1,372
Manufacturers.....	201	145
Grain mills.....	189	134
Cereal food manufacturers.....	12	11
Warehouses.....	71	38
Wholesale dealers.....	1,309	1,027
Wholesale grocers.....	1,115	876
Other wholesale dealers.....	194	151
Miscellaneous.....	265	162
Bakers.....	85	51
Other miscellaneous.....	180	111

DIAGRAM 13.—STOCKS OF BUCKWHEAT FLOUR REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

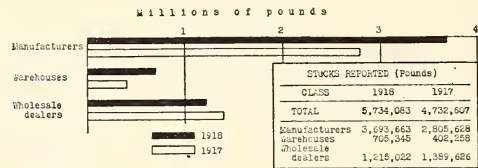


Table 20.—Comparative figures for buckwheat flour—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

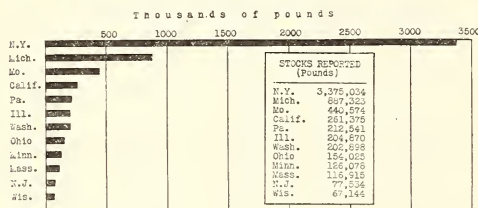
GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
United States	Pounds. 5,734,083	Pounds. 4,732,607
GEOGRAPHIC DIVISIONS:		
New England.....	98,660	65,099
Middle Atlantic.....	3,486,402	2,171,021
East North Central.....	781,433	993,675
West North Central.....	627,444	745,463
South Atlantic.....	108,072	120,858
East South Central.....	39,439	19,388
West South Central.....	56,342	19,458
Mountain.....	122,011	153,855
Pacific.....	434,280	470,790
NEW ENGLAND:		
Maine.....	19,025	5,932
New Hampshire.....	13,911	1,860
Vermont.....	3,645	3,748
Massachusetts.....	33,939	32,847
Rhode Island.....	11,479	11,811
Connecticut.....	16,661	8,901
MIDDLE ATLANTIC:		
New York.....	3,275,346	1,866,465
New Jersey.....	28,317	17,556
Pennsylvania.....	182,739	287,000
EAST NORTH CENTRAL:		
Ohio.....	85,686	86,169
Indiana.....	9,181	17,945
Illinois.....	190,945	260,593
Michigan.....	478,415	578,413
Wisconsin.....	25,526	23,555
WEST NORTH CENTRAL:		
Minnesota.....	114,079	198,639
Iowa.....	18,970	120,033
Missouri.....	436,300	349,359
North Dakota.....	5,590	7,326
South Dakota.....	2,050	2,297
Nebraska.....	17,783	34,350
Kansas.....	32,672	33,459
SOUTH ATLANTIC:		
Delaware.....	12,005	3,545
Maryland.....	5,696	73,510
District of Columbia.....	1,450	3,050
Virginia.....	11,389	12,825
West Virginia.....	28,720	9,900
North Carolina.....	15,773	4,736
South Carolina.....	8,132	1,887
Georgia.....	17,181	6,263
Florida.....	7,726	5,142
EAST SOUTH CENTRAL:		
Kentucky.....	10,239	6,278
Tennessee.....	17,984	10,067
Alabama.....	8,487	2,224
Mississippi.....	2,729	819
WEST SOUTH CENTRAL:		
Arkansas.....	719	333
Louisiana.....	8,227	3,256
Oklahoma.....	2,371	10,100
Texas.....	25,025	5,769
MOUNTAIN:		
Montana.....	48,512	89,232
Idaho.....	3,740	23,186
Wyoming.....	254	990
Colorado.....	40,811	20,116
New Mexico.....	10,954	2,036
Arizona.....	6,664	950
Utah.....	8,421	11,745
Nevada.....	2,655	5,600
PACIFIC:		
Washington.....	199,673	134,396
Oregon.....	34,380	90,661
California.....	200,227	245,733

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of buckwheat flour reported by business concerns other than retail dealers, is shown in Table 18. More than one-half of the stocks reported for the entire country were found in the Middle Atlantic division, the East North Central division ranking next, with a little over one-third as much. Among the states, New York ranked first, with 3,375,034 pounds, or almost one-half of the total reported for the country, and more than three times as much as was reported by Michigan, the state ranking next. Missouri ranked third, and California fourth. The stocks reported for the twelve most important states are shown graphically in Diagram 12.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 18.

DIAGRAM 12.—STOCKS OF BUCKWHEAT FLOUR REPORTED BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS FOR THE TWELVE MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

More than four-fifths of the returns, based on the quantity reported gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 17, and by geographic divisions and states in Table 20. The figures indicate a considerable increase in the aggregate stocks on hand on July 1, 1918, as compared with those held by the same concerns one year earlier. The cereal food manufacturers reported stocks for the date of the Survey more than three and one-half times as large as their holdings on July 1, 1917, while the warehouses show an increase of 75.3 per cent. The stocks reported for the two dates by manufacturers, warehouses, and wholesale dealers are represented in graphic form in Diagram 13.